

Title (en)

Apparatus for performing an electrosurgical procedure

Title (de)

Vorrichtung zur Durchführung eines elektrochirurgischen Verfahrens

Title (fr)

Appareil pour exécuter une procédure électrochirurgicale

Publication

EP 2392282 B1 20150107 (EN)

Application

EP 11168419 A 20110601

Priority

US 79233010 A 20100602

Abstract (en)

[origin: EP2392282A1] A forceps is provided and includes a housing having a shaft. An end effector assembly operatively connects to a distal end of the shaft and includes a pair of first and second jaw members. One or both of the first and second jaw members is movable relative to the other jaw member from a clamping position to an open position. A resilient member operably couples to the first and second jaw members. The resilient member is configured to bias the first and second jaw members in the clamping position and provide a closure force on tissue disposed therebetween.

IPC 8 full level

A61B 17/28 (2006.01); **A61B 18/14** (2006.01); **A61B 17/29** (2006.01); **A61B 18/00** (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP US)

A61B 17/2833 (2013.01 - US); **A61B 17/29** (2013.01 - EP US); **A61B 17/2909** (2013.01 - EP US); **A61B 18/1206** (2013.01 - US); **A61B 18/1445** (2013.01 - EP US); **A61B 2017/2925** (2013.01 - EP US); **A61B 2017/2932** (2013.01 - EP US); **A61B 2017/2936** (2013.01 - EP US); **A61B 2017/294** (2013.01 - EP); **A61B 2018/00589** (2013.01 - US); **A61B 2018/00595** (2013.01 - US); **A61B 2018/00601** (2013.01 - US); **A61B 2018/0063** (2013.01 - EP US); **A61B 2018/1253** (2013.01 - US); **A61B 2018/126** (2013.01 - US); **A61B 2090/034** (2016.02 - EP US)

Cited by

EP2522280A1; CN105848605A; EP2620118A3; US8882799B2; US10881454B2; WO2014140039A1; US10321955B2; US10932854B2; US9974605B2; US10639095B2; US11324545B2; US10303641B2; US10585839B2; US11144495B2; US11886373B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2392282 A1 20111207; **EP 2392282 B1 20150107**; EP 2517664 A1 20121031; EP 2517664 B1 20140813; EP 2896380 A1 20150722; EP 2896380 B1 20180801; US 10314646 B2 20190611; US 11103302 B2 20210831; US 2011301600 A1 20111208; US 2014094845 A1 20140403; US 2016302851 A1 20161020; US 2019290354 A1 20190926; US 2021177498 A1 20210617; US 8540749 B2 20130924; US 9375227 B2 20160628

DOCDB simple family (application)

EP 11168419 A 20110601; EP 12169753 A 20110601; EP 14199637 A 20110601; US 201314035423 A 20130924; US 201615194171 A 20160627; US 201916435632 A 20190610; US 202117189440 A 20210302; US 79233010 A 20100602